

LOW COST HIGH QUALITY DIGITAL CAMERA**ABSTRACT OF THE DISCLOSURE**

5 The invention relates to a digital camera which provides high resolution at low cost by using a charge coupled device (CCD) with a high concentration of pixels in one dimension and rapidly scanning an image plane in the camera to provide high resolution in a second dimension. High resolution can thereby be achieved in both dimensions of the image plane without the need for an expensive CCD which employs a two dimensional array of pixels numbering in the thousands in both dimensions. For additional cost savings, the moveable one dimensional CCD concept can be retrofitted into an existing camera assembly thereby replacing the film and film handling equipment in the existing camera.

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